

APRIL/MAY 2024

**23USAI23/23USSC23 — UNDERSTANDING  
INTERNET**

Time : Three hours

Maximum : 75 marks



**SECTION A — (10 × 2 = 20 marks)**

Answer ALL the questions.

1. Define Internet.
2. What is a URL?
3. What is an IP Address?
4. Show the Importance of Router in a network.
5. Expand ISDN and define.
6. What is a Firewall?
7. Define Bandwidth.
8. Expand DNS and give its use.
9. Compare IMAP and POP3 protocols.
10. Differentiate      1 BCC of an E-Mail.

**SECTION B — (5 × 5 = 25 marks)**

Answer ALL the questions.

11. (a) Explain WWW and list its features.

Or

- (b) What are the applications of Internet?

12. (a) Discuss on TCP/IP Protocol.

Or

- (b) Elaborate the use of Routers in Internet.



13. (a) Explain in brief on ISDN.

Or

- (b) Give a brief account of the Protocol options-  
SLIP and PPP.

14. (a) Describe the Components of a Network.

Or

- (b) What are the different Types of Networks.  
Discuss.

15. (a) Give a short description on E-Mail Servers.

Or

- (b) List the E-Mail Protocols and explain.

**SECTION C — (3 × 10 = 30 marks)**

Answer any THREE questions.

16. Discuss on the Etiquettes of using the Internet and Crimes on Internet.

17. Explain in detail IP Address.

18. Compare and Contrast Dial-up Connection and Leased line connection through Telephone system.

19. What is a Domain Name Server? Explain its working and types.

20. Give a brief sketch on the Structure of an E-Mail.